

Trimble Adventure Planner™

Application User's Guide

For use with data transfer capable Garmin® and Magellan® GPS receivers and Nextel i710, i730, i830 and i860

www.TrimbleOutdoors.com



Introduction

© 2004 Trimble Navigation Limited

Trimble, Trimble Outdoors™, Trimble Evolution GPS™, and Trimble Adventure Planner™ are trademarks or registered trademarks of Trimble Navigation Limited.

Java is a trademark or registered trademark of Sun Microsystems, Inc. in the U.S. or other countries.

Nextel is a registered trademark of Nextel Communications.

Aerial and topographic maps used by Trimble Adventure Planner™ courtesy USGS.

Street maps used by Adventure Planner™ courtesy ©ESRI, GDT. ESRI and the ESRI Logo are licensed trademarks of Environmental Systems Research Institute, Inc."

Software License

See <http://www.trimbleoutdoors.com> for more information.

Global Positioning System (GPS) Applications

The availability and accuracy of Java programs using GPS derived location information will vary depending on the environment in which the GPS feature is used. In some situations, where adequate signals cannot be obtained, the GPS system may not work at all. Please read your Trimble Evolution GPS™ User's Guide for information on enhancing GPS performance.

General GPS Performance Considerations

The GPS satellite antenna in your Nextel i710, i730, i830, and i860 phone is part of the cellular antenna. Best reception is achieved when you extend the cellular antenna before launching the Trimble Evolution GPS application. Do not cover the antenna with your hand during use.

You should have good visibility to the sky when launching the Trimble Evolution GPS application. GPS satellites are often low on the horizon in the sky, so wide-open areas lead to the best GPS satellite reception.



Trimble Outdoors Adventure Planner™ Guide



Table of Contents

INTRODUCTION	1
SOFTWARE LICENSE	1
GLOBAL POSITIONING SYSTEM (GPS) APPLICATIONS.....	1
GENERAL GPS PERFORMANCE CONSIDERATIONS	1
ADVENTURE PLANNER™ SCREEN REFERENCE GUIDE	1
WELCOME	2
WHAT IS GPS?	2
THE TRIMBLE OUTDOORS SERVICE	3
ACTIVATING THE TRIMBLE OUTDOORS SERVICE	4
USING THE TRIMBLE OUTDOORS WEBSITE	5
REGISTERING	5
WEBSITE FUNCTIONS	7
Getting Started with Trimble Adventure Planner™	9
INSTALLING THE SOFTWARE	9
Retail purchase	9
Website download.....	10
RUNNING ADVENTURE PLANNER.....	11
SCREEN ELEMENTS	11
QUICK START!	12
TRIPS, ROUTES, WAYPOINTS AND POINTS OF INTEREST.....	14
TRIPS	14
ROUTES AND WAYPOINTS	15
POINTS OF INTEREST	15
WHAT THE MENU BAR DOES	16
TRIP	16
VIEW	17
TOOLS.....	18
HELP	19
WHAT THE TOOLBAR BUTTONS DO	20
BUTTONS.....	20
ZOOM CONTROLS	20
MAP TYPE BUTTONS	21
WHAT THE TRIP FUNCTION BUTTONS DO	22
ROUTE	22
POINT OF INTEREST	23
TRIP REPORT.....	24
ELEVATION PROFILE	24
TRIP EXTENTS	25
RULER.....	25
PHONE MAP TILES	26
SEND TO PHONE	26
CREATING TRIPS AND USING THE TRIP FUNCTION BUTTONS.....	27
TRIPS	27
Log In	27
New	28
Open	29
Save	29
Delete.....	29
Print Preview	29
Print.....	30
Properties.....	30



Trimble Outdoors Adventure Planner™ Guide

ROUTES.....	31
Create Route.....	31
Append Waypoint.....	32
Insert Waypoint.....	32
Move Waypoint.....	33
Delete Waypoint.....	33
Select Route.....	33
Delete Route.....	34
Pan.....	34
POINTS OF INTEREST.....	35
Create POI.....	35
Move POI.....	35
Delete POI.....	36
Pan.....	36
TRIP REPORTS.....	37
ELEVATION PROFILE.....	37
TRIP EXTENTS.....	37
RULER.....	38
PHONE MAP TILES.....	38
Select/Deselect Image.....	38
Center to Grid.....	39
Pan.....	39
SEND TO PHONE.....	40
MAP TYPES.....	40
EDITING TRIP, ROUTE, WAYPOINT AND POI INFORMATION.....	41
INTERFACING WITH OTHER GPS UNITS.....	42
SERIAL IMPORT.....	42
SERIAL EXPORT.....	42
UPLOADING PHOTOS.....	44
CREATE TRIPS TUTORIAL.....	44
CREATE A TRIP WITH A ROUTE AND POINTS OF INTEREST.....	45
CREATE A TRIP WITH ONLY POINTS OF INTEREST.....	50
APPENDICES.....	53
CONVENTIONS USED IN THIS GUIDE.....	53
SUPPORT.....	53
FAQ.....	53
GLOSSARY.....	55
USEFUL LINKS.....	56
INDEX.....	57

Table of Figures

FIGURE 1. SCREEN QUICK REFERENCE GUIDE	1
FIGURE 2. TRIMBLE OUTDOORS SERVICE	3
FIGURE 3. ACTIVATING THE TRIMBLE OUTDOORS SERVICE	4
FIGURE 4. SCREEN ELEMENTS	11
FIGURE 5. TRIP HIERARCHY	14
FIGURE 6. MENU BAR	16
FIGURE 7. TOOLBAR BUTTONS	20
FIGURE 8. TRIP FUNCTION BUTTONS	22



Adventure Planner™ Screen Reference Guide



Figure 1. Screen Quick Reference Guide

The graphic above shows the primary areas of the Trimble Adventure Planner™ main screen: Menu Bar, Toolbar Buttons, Map Display, and the Trip Function Buttons. The functionality of each of these areas is described in detail in this manual.



Welcome

Trimble Outdoors is a community-based service and product family developed specifically for outdoor enthusiasts who would like to get more from their cell phones. Products include Trimble Evolution GPS, Trimble Adventure Planner, and the Trimble Outdoors website (www.trimbleoutdoors.com).

Trimble Evolution GPS adds recreational Global Positioning System (GPS) functionality to your Nextel cell phone. See the Trimble Evolution GPS User's Guide for more information.

Trimble Adventure Planner is a PC-based trip planning application that allows users to:

- Plan trips using topographic, aerial, or street maps
- Share trips with friends and family
- Download trips to their cell phone (requires Trimble Outdoors Gold Service* or Platinum/Platinum Unbundled* Service*)
- Download topographic, aerial and street maps (requires Trimble Outdoors Platinum/Platinum Unbundled Service*)
- Personalize trips with notes and pictures (the latter requires i860 camera phone and Trimble Outdoors Platinum/Platinum Unbundled Service*), or upload pictures from a digital camera
- Use with a Garmin® or Magellan® GPS unit

- * Trimble Outdoors Gold Service, SOC PDSTRMGLD
Trimble Outdoors Platinum service, SOC PDSTRMPLD
Trimble Outdoors Platinum service, SOC PDSTRMPLT

TrimbleOutdoors.com, www.trimbleoutdoors.com, is a community-based website that allows members to:

- Search trips posted by other members
- View trips posted by other members
- Copy trips to be downloaded to their phone
- View trip reports posted by other members
- View trip pictures posted by other members

What is GPS?

The Global Positioning System (GPS) is a worldwide radio-navigation system formed from a constellation of 24 satellites and their ground stations. GPS uses these "synthetic stars" as reference points to calculate positions accurate to a matter of meters. In a sense it's like giving every square meter on the planet a unique address. GPS receivers are now so small and economical that they can be integrated into cell phones. For more information on GPS visit:

<http://www.trimble.com/gps>.



The Trimble Outdoors Service

To learn more about the Trimble Outdoors service visit <http://www.trimbleoutdoors.com>.



Figure 2. Trimble Outdoors Service



Activating the Trimble Outdoors Service



1.

Visit your Nextel store to learn more about Trimble Outdoors.



2.

Select Gold or Platinum service

Trimble Evolution GPS™ Nextel Service Features	Gold	Platinum
Navigation Tools with Digital Compass, Speed, Heading, Altitude and Lat/Lon Coordinate readout	<input type="checkbox"/>	<input type="checkbox"/>
Create and utilize Trips, Routes, and Waypoints	<input type="checkbox"/>	<input type="checkbox"/>
GPS Tracking with scaling for creating a bread crumb trail	<input type="checkbox"/>	<input type="checkbox"/>
Wirelessly Download Trips using your PC to your cell phone	<input type="checkbox"/>	<input type="checkbox"/>
Wirelessly Download Topography, Aerial, and Street Maps using your PC to your cell phone	<input type="checkbox"/>	<input type="checkbox"/>
Wirelessly upload (insert) Pictures and Notes into trips from your cell phone using your PC	<input type="checkbox"/>	<input type="checkbox"/>

3.

Have your Nextel sales representative install Trimble Evolution GPS and setup your service choice.

4.

Go to www.trimbleoutdoors.com and register.
(please allow up to 24 hours for Nextel to enable service)



5.

Activate new phone service.



Figure 3. Activating the Trimble Outdoors Service



Using the Trimble Outdoors Website

TrimbleOutdoors.com, www.trimbleoutdoors.com, is a community-based website that allows members to:

Search and view trips posted by other members

View trip reports posted by other members

View trip pictures posted by other members

Select trips posted by other members to download to a Nextel phone

Registering

There are two ways to purchase the Trimble Outdoors service: directly from Nextel, or from a retail outlet. The two procedures below outline how to register for the Trimble Outdoors service depending on how you purchased the software.

If you purchased Nextel Trimble Outdoors service from Nextel:

Using an internet browser on your PC, go to www.trimbleoutdoors.com.

Click on the **Register Now!** box. The **Registration** page appears.

Select the **Nextel Trimble Outdoors Service** radio button. The page refreshes with the registration information boxes.

Enter your 10-digit Nextel phone number, with no spaces or dashes, in the **Nextel Phone Number** field.

Enter a unique user name in the **Username** field.

Enter a valid email account in the **Email** field.

Enter your email address a second time in the **Confirm Email** field.

If you do not wish to receive news from Trimble Outdoors, deselect the checkbox.

Click on the **Register Now!** button. Your temporary password will be mailed to the email address you entered.

When you receive the email with your temporary password:

Go to www.trimbleoutdoors.com

Click on the **Login** button.

Enter the user name you created when you registered.

Enter the temporary password that was emailed to you. The **Change Password** page appears.

Enter your user name.

Enter your temporary password.

Enter your new password.

Enter your new password a second time.

Click on the **Change my password** button. A message appears indicating your password was changed and your registration is complete.



Trimble Outdoors Adventure Planner™ Guide

If you purchased Adventure Planner from a retail outlet or from TrimbleOutdoors.com:

Using an internet browser, go to www.trimbleoutdoors.com.

Click on the **Register Now!** box. The **Registration** page appears.

Select the **Trimble Outdoors Retail Box** radio button. The page refreshes with the registration information boxes.

Enter the product key included with your software in the **Product Key** field.

Enter your 10-digit phone number, with no spaces or dashes, in the **Phone Number** field. **NOTE:** Although this is an optional entry field, if you have a Nextel phone, it is recommended that you enter the number.

Enter a unique user name in the **Username** field.

Enter a valid email account in the **Email** field.

Enter your email address a second time in the **Confirm Email** field.

If you do not wish to receive news from Trimble, deselect the checkbox.

Click on the **Register Now!** button. Your temporary password will be mailed to the email address you entered.

When you receive the email with your temporary password:

Go to www.trimbleoutdoors.com

Click on the **Login** button.

Enter the user name you created when you registered.

Enter the temporary password that was emailed to you. The **Change Password** page appears.

Enter your user name.

Enter your temporary password.

Enter your new password

Enter your new password a second time.

Click on the **Change my password** button. A message appears indicating your password was changed and your registration is complete.



Website Functions

The Trimble Outdoors Service website provides several features. This section describes the features available.

Feature	Description
Trip Search	<p>When a trip is created, it can be designated as available to be shared. This feature allows anyone to search for and view trips that have been marked as available to be shared. You can do a basic search within a radius of a geographic feature or location, or an advanced search.</p> <p>NOTE: You must be a member to download available trips.</p> <p>To perform a basic search for a trip: Click on Trip Search on the top menu. Enter a location, city name, state, or geographic feature (i.e., canyon) in the Search field. Select a radius from that keyword from the Radius dropdown box. Click on the Search button. All matching trips are displayed.</p> <p>For example, you may want to search for all trips within a 25 mile radius of Phoenix, AZ. Enter Phoenix in the Search field. Select 25 from the Radius dropdown box. Click on the Search button. The results are displayed.</p> <p>To perform an advanced search for trips: Click on Trip Search on the top menu. Click on the Advanced Search button. Make a selection from the four radio buttons, to search by: decimal latitude/longitude degrees of latitude/longitude address trip name Enter the appropriate information in the fields, depending on the radio button selected. Click on the Search button. All matching trips are displayed.</p>



Trimble Outdoors Adventure Planner™ Guide

Feature	Description
Adventures	Provides examples and ideas of different ways you can enjoy Trimble Outdoors in designing outdoor adventures for activities such as biking, hiking, hunting, boating, etc.
Products	Provides information on Trimble Outdoors products, and a method of purchasing the Trimble Outdoors Service software.
Download	Allows the Adventure Planner software, and related documentation to be downloaded. NOTE: You must first purchase the software to use this function.
Support	Provides Trimble Outdoors Service support information and FAQs.
Contact	Provides Trimble Outdoors Service contact information.
Login	Allows a member to log in to use the Trimble Outdoors Service.



Getting Started with Trimble Adventure Planner™

Trimble Adventure Planner is a PC-based trip planning application that allows users to:

Plan trips using topographic, aerial, or street maps

Share trips with friends and family

Download trips to their cell phone (requires Nextel Gold Service or Platinum Service)

Download topographic, aerial and street maps (requires Nextel Platinum Service)

Personalize trips with notes and pictures (the latter requires i860 camera phone and Nextel Platinum Service), or upload digital photos

Download to Garmin® or Magellan® GPS units

Installing the Software

Minimum system requirements for installing the Adventure Planner are:

Hardware	Same as operating system
Software	Windows® 98SE, ME, 2000 or XP operating system
Internet connectivity	Internet connectivity is required, and must be active to install the Adventure Planner software. High-speed connection recommended.

Retail purchase

Follow the installation wizard on the Adventure Planner CD, or the installation instructions on the back of the front cover of CD jewel case. When you have completed the software installation, go to the Trimble Outdoors website (www.trimbleoutdoors.com) to register.



Website download

Go to the Trimble Outdoors website (www.trimbleoutdoors.com) log in, and then click on **Download** on the top menu. The following table describes the download options.

Download Option	Description
Adventure Planner application	Select this button if you're already running the .NET framework. This installation will install everything you need, including the .NET framework which is obtained by downloading from Microsoft.
Adventure Planner application with .NET	Select this button if you do not currently run the .NET framework. If you are unable to obtain the .NET framework with the above installation, due to Microsoft's site being unavailable, the entire .NET framework is included with this installation. It is recommended to have a high speed internet connection, due to the 30 Mb download size.
Adventure Planner manual	Select this button to download a PDF version of the Adventure Planner Guide.
Adventure Planner Quick Start Guide	Select this button to download a PDF version of the Adventure Planner Quick Start Guide.
Trimble Evolution GPS manual	Select this button to download a PDF version of the Trimble Evolution GPS User's Guide.
Trimble Evolution GPS Quick Reference Guide	Select this button to download a PDF version of the Trimble Evolution GPS Quick Reference Guide.

To download software:

Click on the appropriate button (see table above).

Read and accept the End User License Agreement.

Choose **Save** from the dialog box to save the installation program to your PC.

Choose **Open** from the dialog box to run the installation wizard.

To download documentation:

Click on the appropriate button (see table above).

Click **File → Save** to save the manual to your PC.



Running Adventure Planner

Following installation, you can run Adventure Planner either from the shortcut icon on your desktop, or from the Windows® **Start** menu.

Screen Elements

The graphic below shows the basic elements of the Adventure Planner main screen. There are three primary areas to the screen: the menu bar and toolbar buttons, the map display, and the trip function buttons.



Figure 4. Screen Elements

The menu bar and toolbar buttons contain the primary commands you'll need to create, open and print trips. Once a trip has been created or opened, you'll use the trip function buttons at the bottom of the main screen to add routes, waypoints, and points of interest (POI).

The map display section shows a selected area, based on the map type chosen (aerial, topographic or street), and allows you to select a zoom level to control the detail level of the display.

The trip function buttons let you create and edit routes and waypoints, add points of interest, or select phone images to send to your phone.



Quick Start!

The Trimble Adventure Planner software lets you create trips with one or multiple routes, and add points of interest (POI) and photos. To help you gain a quick understanding of the Adventure Planner capabilities, follow the steps in the quick start guide.



After you've installed the Adventure Planner, and visited the Trimble Outdoors website (www.trimbleoutdoors.com) to register, run the Adventure Planner.

On the menu bar, click **Tools → Address Search**.

Enter the street address, city, and state where you live. Check the **Create POI at Address** checkbox. The **Create Trip** box displays.

Enter a name for your new trip, and a description, if you'd like.

Uncheck the **Share this trip with others?** checkbox.

Select the appropriate state from the **State** dropdown box. Click the **OK** button.

Click the **Find Address** button. The **Create POI** box displays.

Enter a name for the POI, and a description if you'd like. Click the **OK** button.

The map display shows the a green dot at the location of the address you entered. Click on the highest zoom level bar (on the far left) to see a street-map close-up of the address.



Trimble Outdoors Adventure Planner™ Guide

The map display shows the a green dot at the location of the address you entered. Click on the highest zoom level bar (on the far left) to see a street-map close-up of the address.

You can change map types and see your address from an aerial view, or on a topographic map (select different map types from the toolbar buttons on the top of the Adventure Planner screen – see above).



Now, let's add to your neighborhood trip. You've already created a trip, so now you just have to save it, and add a route. At the highest zoom level, select the street map type from the toolbar buttons.

On the menu bar, click **Trip → Save**, then click the **OK** button. Click on the **Route** button on the bottom of the Adventure Planner screen.

Click on the map display at the location you want to be the start of the first route of your trip. The **Create Route** screen displays. Enter a name for the route, and a description if you'd like. Click the **OK** button. Notice that there's now a green dot on the map display at the location you selected.

Continue clicking on the map display to create waypoints in the route (up to 30).

Once you've created all the waypoints you want, unclick the **Route** button.

Click **Trip → Save**.



Congratulations! You've now created a trip with one route. The route, and all the waypoints, are shown on the map display. Notice that the beginning of the route has a green dot, and the last waypoint has a red dot. Once again, you can change the map types to see your trip with aerial, topographic, or street maps.

If you want, you can print the trip you've just created. Choose the type of map, and the level of map detail (zoom level) you want, and select **Trip → Print**. The Adventure Planner prints what is shown in the map display.

The Trimble Adventure Planner has many more capabilities, such as adding points of interest and photos to trips, uploading trips to the Trimble Outdoors website, and creating trip reports for each of your trips. This manual provides detailed information on all of the Adventure Planner capabilities.



Trips, Routes, Waypoints and Points of Interest

A trip can be made up of a one or more routes with navigation points along the way (waypoints), or may just be a series of interesting things to see (POIs - points of interest), as shown in the figure below.

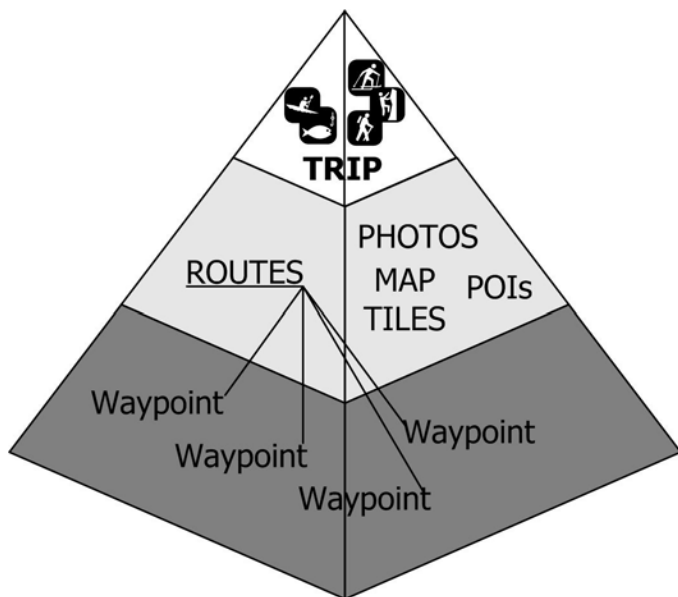


Figure 5. Trip Hierarchy

For example, you may want to plan a hiking trip in the area, or in an area new to you, selecting specific places to navigate to, or things to see, to along the way.

Trips

A trip is a collection of building blocks, and may include routes, points of interest, photos and map tiles. With the Adventure Planner, you can create as many trips as you wish. Each trip can include up to 10 routes. Each route can have up to 30 waypoints. A trip may have just points of interest without formal routes defined. When you create a trip, you can give it a name, a description, choose to share it with others, and select the appropriate state for the trip. If you prefer, you can enter the description later, or edit what you've already entered by selecting **Trip** → **Properties** from the menu bar.

Choosing to share your trip with others allows anyone at the Trimble Outdoors website performing a trip search to see your trips, along with others that match the search criteria. Members can also download trips, along with all associated information.



Routes and Waypoints

A route is a sequential list of waypoints, from the start point to the end point. You can create up to 10 routes for each trip. Each route can have up to 30 waypoints. When you create a route, you can give it a name, and enter a description of the route. If you prefer, you can enter the description later, or edit what you've already entered.

When you create routes in Adventure Planner, you are selecting a path that your GPS device will help you navigate. Routes are made up of waypoints. A waypoint is a specific geographic location along the route that you will navigate to while moving toward your final destination. The compass on your GPS device will lead you to your next waypoint. Once you arrive at the waypoint, your GPS device will automatically switch to the next waypoint. Choose waypoints that will help lead you to your destination.

For example, if you're planning a hiking trip, you may want to create one route for the "out" trip, and a different route for the "return" trip. Each route can have different, or overlapping, waypoints, allowing you to plan exactly where you wish to go and how you wish to navigate on your trip.

The beginning of each route is the first waypoint. The route is built by adding waypoints. You can add waypoints to a route when it's first being built, or later using the **Insert Waypoint** or **Append Waypoint** functions.

When you create a waypoint, you can give it a name, and enter a description of the waypoint. If you prefer, you can enter the description later, or edit what you've already entered.

Points of Interest

Points of Interest can be used to mark things you would like to navigate to, but do not require a specific path to get there. Some examples are a waterfall, cave, mine, geocache.



What the Menu Bar Does



Figure 6. Menu bar

There are four command menus on the menu bar of the Adventure Planner main screen: Trip, View, Tools and Help. The Trip menu provides commands related to creating and modifying trips. The View command provides commands to modify the map display to show or hide trip details. The Tools menu provides commands to enhance use of the Adventure Planner. The Help menu provides release information for the Adventure Planner software.

The following tables provide more information for each of the commands.

Trip

Command	Description
New	Creates a new trip with a trip name, description, the state associated with the trip and the choice to share the trip information with others. This function DOES NOT create routes or waypoints for a trip. Use the Route button to create routes and add or edit waypoints for each trip.
Open	Opens trips you have created and saved. If you wish to open a trip that someone else has created, log in to www.trimbleoutdoors.com , find the desired trip, and press save. The next time you select Trip → Open from the Adventure Planner menu, the trip you saved will be available.
Save	Saves a newly created trip, or changes made to a selected trip, to the Trimble Outdoors database, which is accessed with your internet connection. If you have chosen to share your trip, it is immediately available to the Trimble Outdoors community.
Delete	Deletes a trip from the Trimble Outdoors database.
Print Preview	Provides a preview of how a selected trip will look when printed.
Page Setup	Brings up a standard print setup page; select page margins, paper orientation, etc.
Print	Prints what is being displayed in the map display section. The print displays the latitude/longitude of the center of the map you've selected, and the name of the trip. You can also print a Trip Report which includes all names, descriptions, and photos associated with the selected trip.
Properties	Displays the properties of a selected trip.



View

Command	Description
Show All Routes	Displays all routes for the selected trip in the map display.
Show All POI	Displays all points of interest (POI) for the selected trip and route(s) in the map display.
Show Photo Icons	Displays all icons for photos associated with the current trip.
Hide All Routes	Removes all routes for the selected trip in the map display.
Hide All POI	Removes all points of interest the selected trip and route in the map display.
Hide Photo Icons	Removes all photo icons for photos associated with the current trip from the map display.
Standard/Metric	Toggles between standard measurements (in miles) or metric measurements (in meters).
Decimal/Degrees,Min,Sec	Toggles between showing latitude/longitude in decimal format, or in degrees, minutes and seconds. The latitude/longitude always displays in the upper left corner of the map display.



Tools

Command	Description
Manual Lat/Lon	Allows the user to manually enter a latitude and longitude, and go to that location on the map display. A POI is created on the map indicating the entered latitude/longitude; this option can be deselected, if desired.
Address Search	Allows the user to search for a specific physical address by street, city or state and display that location on the map display. A POI may be created on the map indicating the entered latitude/longitude; this option can be deselected, if desired.
View Map Tiles	Displays and allow you to delete all map images associated with the current trip; images available depend on the map type selected when phone map tiles were selected and downloaded.
Serial Import/Export	Import or export GPS information from/to a data transfer capable GPS unit.
File Import (loc,gpx)	Import waypoints from a text file on your computer. Adventure Planner supports the popular GPX and LOC geocaching formats. You can download these files at www.geocaching.com
Points Table	Shows the latitude, longitude and altitude (if known) for all waypoints and points of interest in the trip. You can use this feature to quickly "go to" any of the points on the map. (To go to a waypoint listed in the Points Table, select a line, then right-click. Click on the Go to Point button.)
Clear Trips Sent to Phone	When you select trips to be downloaded to your phone, the information is put into a queue. Normally, this queue is cleared after a successful download to your phone. If there is a problem with downloading the queued trips to your phone, you can use this feature to clear the trips queue. For example, the queued trips may exceed the memory limits of your phone, and a download may be unsuccessful. Use this feature to clear the download queue, and then re-select a trip to download.



Help

Command	Description
About	Provides information about Trimble Outdoors and Adventure Planner.
Trimble Outdoors Website	A link to the Trimble Outdoors website.



What the Toolbar Buttons Do








Figure 7. Toolbar Buttons




There are three groups of buttons at the top of the Adventure Planner main screen: buttons to open, save and print trips, buttons to zoom in or out on the map display, and buttons to select the type of map to view (aerial, topographic or street).

The following sections provide more detailed information for each of the menu commands.

Buttons




Icon	Name	Description
	New	Creates a new trip.
	Open	Opens trips you have created and saved.
	Save	Saves a newly created trip, or changes made to a selected trip, to the Trimble Outdoors database, which is accessed with your internet connection. If you have chosen to share your trip, it is immediately available to the Trimble Outdoors community.
	Print	Prints what is being displayed in the map display section. The print displays the latitude/longitude of the center of the trip you've selected, and the name of the trip. You can also print a Trip Report which includes all names, descriptions, and photos associated with the selected trip
	Log in	Allows a user to log in to Adventure Planner to see a list of available trips, and create, modify and save trips.

Zoom Controls

Icon	Name	Description
	Zoom in (closer)	Click on the icon to zoom in (see the map in more detail) of the map display.
	Zoom out (farther way)	Click on the icon to zoom out (see the map in less detail) of the map display.
	Increase or decrease resolution	Click on any of the 10 bars to zoom in or zoom out on the map display.



Map Type Buttons

Icon	Name	Description
	Aerial	Uses aerial maps as the background for the map display.
	Topographic	Uses topographic maps as the background for the map display.
	Street	Uses street maps as the background for the map display. This is the default display for the Adventure Planner.

NOTE: All maps and elevation profiles are obtained from third parties via the internet. If a third party website is unavailable, you may not be able to obtain the desired map or elevation profile at that time. If this occurs, simply try again later.



What the Trip Function Buttons Do



Figure 8. Trip Function Buttons

There are eight trip function buttons: Route, Point of Interest, Trip Report, Elevation Profile, Trip Extents, Ruler, Phone Map Tiles, and Send to Phone.






The following sections provide more detailed information for each of the menu commands.

Route

Button	Toolbar Icon	Name	Use this function to:
		Create Route	Create a route for the current trip.
		Append Waypoint	Add a waypoint to the END of the selected route.
		Insert Waypoint	Insert a waypoint WITHIN the selected route.
		Move Waypoint	Move an existing waypoint within the selected route.
		Delete Waypoint	Delete an existing waypoint within the selected route.
		Select Route	Select a specific route within the current trip.
		Delete Route	Delete the selected route from the current trip.
		Pan	Select a different point as the map center.



Point of Interest

Button	Toolbar Icon	Name	Use this function to:
		Create POI	Create a new POI for the current trip and route; user enters POI name and description.
		Move POI	Move an existing POI for the current trip and selected route.
		Delete POI	Delete an existing POI for the current trip and selected route.
		Pan	Select a different point as the map center and re-positions the map display around the selected point.



Trip Report



The **Trip Report** button displays the trip report associated with the current trip, gathered from the Trimble Outdoors database. You can also print the trip report. Changes to the trip which have not been saved will not appear. Save the trip, and then select **Trip Report** to see the latest information in the Trip Report.

NOTE: You must have a trip open to view the trip report for that trip.

The Adventure Planner software creates a trip report for you, based on the information you provided when you created the trip, route(s), points of interest and photos.

A trip report has four basic sections: Trip information, route information, POI information, and a section with associated photos.

The first portion of the trip report shows the trip name, and how many routes, POIs and photos there are for that trip.

The next section shows the route name, and each waypoint in that route, with the associated latitude/longitude, waypoint name and description.

The third section of the trip report shows all POIs associated with the current trip, including the POI name and description.

The last section of the trip report shows all photos that have been uploaded and associated with the current trip.

NOTE: If you want a more detailed trip report, you can edit the waypoint or POI name and description fields.

Elevation Profile



The **Elevation Profile** button displays a graph showing elevation (altitude) of each waypoint in the selected route for the current trip.

To clear the stored values for the elevation for each waypoint in a selected route, and re-draw the profile with fresh data, click the **Clear Trip Elevation** button.

NOTE: All maps and elevation profiles are obtained from third parties via the internet. If a third party website is unavailable, you may not be able to obtain the desired map or elevation profile at that time. If this occurs, simply try again later.



Trip Extents



The **Trip Extents** button sets the map display to a resolution sufficient to display the entire trip, with all routes, waypoints and POIs included. View depends on the map type chosen (aerial, topographic or street).

Ruler







The **Ruler** button displays distance between two points you select on the map display.



Phone Map Tiles

Overlays a grid of “tiles” on the map display. Each map tile matches the screen size of your Nextel Phone. If you have not yet activated Trimble Evolution GPS (your Java application) on your Nextel phone, the map tile size may be incorrect. To correct this problem, Activate Evolution GPS from your phone, then re-run Trimble Adventure Planner.

You can select which tile(s) to save, then download to the phone. The background of the map display depends on map type selected (aerial, topographic or street).

Button	Toolbar Icon	Name	Description
		Select/Deselect Image	Selects or deselects a specific map tile for downloading to your Nextel phone. The background of the map display depends on the map type selected (aerial, topographic or street). NOTE: You must be a Nextel Platinum user to use the Select/Deselect function.
		Center to Grid	Moves the relative position of the image grid to center on a selected point. Used to center a waypoint or POI in an image grid.
		Pan	Select a different point as the map center.

Send to Phone



Saves all selected phone images (map tiles), routes, associated waypoints, and POIs for the selected trip as a single “package”. The collected information can then be downloaded to your Nextel phone.

NOTE: Downloading selected images is done from the phone, not from the Adventure Planner. See the Trimble Evolution GPS User's Guide for specific steps to download selected images to your phone. You must have Nextel Platinum service to use this function.



Creating Trips and Using the Trip Function Buttons

Trips

This section describes how to create and modify trips, create routes and waypoints, and points of interest.

NOTE: Before logging in to the Adventure Planner, you need to register at Trimble Outdoors.com to get your user name and password.

Before opening or creating any new trips, ensure you're logged in to the Adventure Planner. With Adventure Planner running, verify the lock icon on the mail toolbar is green, indicating you're logged in. If the lock icon is red, follow these steps:

Log In



To log in:

On the menu bar, click on the **Log In** button. The **Log In** screen appears.

Enter the user name that you registered with on www.trimbleoutdoors.com. Press the **TAB** key to move to the next field.

Enter your password. This was set up when you registered at Trimbleoutdoors.com. Press the **TAB** key to move to the **Login** button.

Press the **Enter** key, or click on the **Login** button.

NOTE: If you have not yet registered at Trimbleoutdoors.com., you must do so before logging in to the Adventure Planner.



New



To create a new trip:

On the menu bar, click on **Trip → New**, or click on the **New Trip** button. The **New Trip** screen displays.

Enter a name of the trip in the **Trip Name** field.

Press the **TAB** key to move to the next field.

Enter a description for the trip in the **Description** field. If you prefer, you may enter this information later. Press the **TAB** key to move to the next field.

NOTE: The maximum number of characters for a trip name is 25; the maximum number of characters for a trip description is 256.

If you DO NOT want to share this trip with others, uncheck the **Share this trip with others?** checkbox. Press the **TAB** key to move to the next field.

Select the appropriate U.S. state for the trip from the dropdown box.

NOTE: This field is optional, but will allow others in the Trimble Outdoors community to search for your trip by state.

Click on the **OK** button to close the New Trip screen. On the menu bar, click on **Trip → Save**, or click the **Save Trip** button. A dialog box appears indicating the trip was saved. Click the **OK** button.

NOTE: To add routes and waypoints to your new trip, go to **Create Route**, **Append Waypoint**, or **Insert Waypoint**.

If you want to cancel creating this trip, click the **Cancel** button.



Open



To open an existing trip:

On the menu bar, click on **Trip → Open**, or click on the **Open Trip** button. The **Select a Trip** dropdown box displays.

Double-click on the trip you wish to open, or click once on the trip name, then click on the **OK** button.

The trip displays in the map display portion of the screen, and the name of the trip appears in the upper right corner of the screen.

NOTE: You may need to scroll down to see additional trips.

Save



To save changes to a trip:

On the menu bar, click on **Trip → Save**, or click on the **Save Trip** button.

A dialog box appears indicating the changes to the trip were saved.

Click on the **OK** button.

Delete

To delete a trip:

On the menu bar, click on **Trip → Delete**, or click on the **Delete Trip** button. The **Select a Trip** dropdown box displays.

Double-click on the trip you wish to delete, or click once on the trip name, then click on the **OK** button.

NOTE: You may need to scroll down to see additional trips.

Print Preview

To preview how a trip will look when printed:

On the menu bar, click on **Trip → Print Preview**. The **Print Preview** screen displays.

If desired, select different views from the standard print preview toolbar.

Click on the **Close** button to return to the Trimble Outdoors display.

NOTE: The program prints the trip based on the selected map type and zoom level. That is, if you've selected aerial, the printed trip will be based on the aerial maps. For a different printed view, select another map type.



Print



To print a trip:

On the menu bar, click on **Trip → Print**, or click on the **Print** button. The **Page Setup** screen displays.

If desired, select different settings from the standard print options.

Click on the **OK** button to print the trip and return to the Trimble Outdoors display.

Click on the **Cancel** button to cancel the print request and return to the Trimble Outdoors display.

NOTE: The program prints the trip based on the selected map type and zoom level. That is, if you've selected aerial, the printed trip will be based on the aerial maps. For a different printed view, select another map type.

Properties

To see the properties for a trip:

On the menu bar, click on **Trip → Properties**. The **Trip Details** screen displays.

Click on the **OK** button to close the **Trip Details** screen and return to the Trimble Outdoors display.

NOTE: If you wish, you may edit the trip name or description from the **Trip Details** screen. To do so, enter the new information in the appropriate field (name or description). Click on the **OK** button. Be sure to save the changes by clicking **Trip → Save** on the menu bar, or clicking on the **Save Trip** button.



Routes

Create Route



To create a new route:

Open a trip.

Click on the **Route** button. A mini-toolbar displays. The **Create Route** button (at the top of the mini-toolbar) is highlighted.

Click on the location on the map that you want to be the starting point of your route.

NOTE: If necessary, change the zoom level of the map.

The **Create Route** screen displays.

Enter a name for the route in the **Route Name** field.

Press the **TAB** key to move to the next field.

If desired, enter a description of the route in the **Description** field. This information may be entered or edited later.

Click on the **OK** button to close the **Create Route** screen and return to the Adventure Planner map display.

The **Append Waypoint** button on the mini-toolbar is highlighted.

Continue selecting waypoints (navigation points) by clicking on the map display. You may need to pan the map display to complete your route.

When you have created all the waypoints for this route:

Click **Trip → Save** on the menu bar, or click on the **Save** button on the toolbar buttons. A message box appears indicating your trip was saved.

Click the **OK** button.



Append Waypoint



NOTE: Appending a waypoint adds a waypoint to the END of the route. If you want to insert a waypoint into a route, use **Insert Waypoint**.

To append a waypoint to a trip:

Open a trip.

Select a route (if more than one route for the current trip).

Click on the **Route** button. A mini-toolbar displays.

Click on the **Append Waypoint** button.

Click on the location on the map at the end of the selected route to append a waypoint.

Continue appending waypoints.

When you have completed appending waypoints for this route:

Click **Trip → Save** on the menu bar, or click on the **Save** button on the toolbar buttons. A message box appears indicating your trip was saved.

Click the **OK** button.

Insert Waypoint



To insert a waypoint in a route:

Open a trip.

Select a route.

Click on the **Route** button. A mini-toolbar displays.

Click on the **Insert Waypoint** button.

Click on the location on the map anywhere *in the selected route* to insert a waypoint.

NOTE: You must insert a waypoint ON the path of the selected route. If you want the new waypoint to be off the route path, insert it in the route, then use the **Move Waypoint** button to move the waypoint.

Continue inserting waypoints.

When you have completed inserting waypoints for this route:

Click **Trip → Save** on the menu bar, or click on the **Save** button on the toolbar buttons. A message box appears indicating your trip was saved.

Click the **OK** button.



Move Waypoint



To move a waypoint:
Open a trip.
Select a route.
Click on the **Route** button. A mini-toolbar displays.
Click on the **Move Waypoint** button.
Click AND HOLD with the left mouse button on the waypoint you want to move, and drag the waypoint to the new location.
Release the mouse button.
Save the changes by clicking **Trip → Save** on the menu bar, or clicking on the **Save Trip** button. A message box appears indicating your trip was saved.
Click on the **OK** button.

Delete Waypoint



To delete a waypoint:
Open a trip.
Select a route.
Click on the **Route** button. A mini-toolbar displays.
Click on the **Delete Waypoint** button.
Click with the left mouse button on the waypoint you want to delete.
Save the changes by clicking **Trip → Save** on the menu bar, or clicking on the **Save Trip** button. A message box appears indicating your trip was saved.
Click on the **OK** button.

Select Route



To select a route:
Open a trip.
Click on the **Route** button. A mini-toolbar displays.
Click on the **Select Route** button.
Click with the left mouse button on the route you want to select. The selected route is highlighted.



Delete Route



To delete a route:

Open a trip.

Click on the **Route** button. A mini-toolbar displays.

Click on the **Delete Route** button.

Click with the left mouse button on the route you want to delete. The selected route is deleted.

Save the changes by clicking **Trip → Save** on the

menu bar, or clicking on the **Save Trip** button. A

message box appears indicating your trip was saved.

Click on the **OK** button.

Pan



If you DO NOT have the **Route, Point of**

Interest or **Phone Map Tiles** button active:

Click anywhere on the map to make that point the center of the display.

Use the zoom control buttons to go to the level of detail required.

You can use the left mouse button to draw a square on the map display; the map display zooms to the area described by the square.

To pan around the map display from the **Route** and **Point of Interest** functions:

Open a trip.

Click on the **Route** or **Point of Interest** button.

Click on the **Pan** button on the mini-toolbar.

Click anywhere on the map display to make that point the center of the map display.



Points of Interest

Create POI



To create a POI:

Open a trip.

Click on the **POI** button. A mini-toolbar displays.

The **Create POI** button is highlighted.

Click with the left mouse button *anywhere on the map display* on the location you want to be a POI. The **Create POI** screen appears.

Enter a name for the POI in the **POI Name** field.

Press the **TAB** key to move to the next field.

Enter a description of the POI in the **Description** field.

Click on the **OK** button.

On the menu bar, click on **Trip → Save**, or click on the **Save Trip** button. A dialog box appears indicating the trip was saved.

Click on the **OK** button.

Move POI



To move a POI:

Open a trip.

Click on the **POI** button. A mini-toolbar displays.

Click on the **Move POI** button.

Click AND HOLD with the left mouse button on the POI you want to move, and drag the POI to the new location.

Release the mouse button.

Save the changes by clicking **Trip → Save** on the menu bar, or clicking on the **Save Trip** button. A message box appears indicating your trip was saved.

Click on the **OK** button.



Delete POI



To delete a POI:

Open a trip.

Select a route.

Click on the **POI** button. A mini-toolbar displays.

Click on the **Delete POI** button.

Click with the left mouse button on the POI you want to delete.

Save the changes by clicking **Trip → Save** on the

menu bar, or clicking on the **Save Trip** button. A message box appears indicating your trip was saved.

Click on the **OK** button.

Pan



If you DO NOT have the **Route, Point of**

Interest or **Phone Map Tiles** button active:

Click anywhere on the map to make that point the center of the display.

Use the zoom control buttons to go to the level of detail required.

You can use the left mouse button to draw a square on the map display; the map display zooms to the area described by the square.

To pan around the map display from the **Route** or **Point of Interest** functions:

Open a trip.

Click on the **Route** or **Point of Interest** button.

Click on the **Pan** button on the mini-toolbar.

Click anywhere on the map display to make that point the center of the map display.



Trip Reports



To display a trip report:

Open a trip.

Click on the **Trip Report** button. The trip report for the current trip displays.

Click on the **OK** button to close the Trip Report.

Elevation Profile



To display an elevation profile:

Open a trip.

Select a route (if the current trip has more than one route).

Click on the **Elevation Profile** button. The elevation profile for the selected route displays.

Click on the **Clear Elevation** button to clear the stored values for the elevation for each waypoint in a selected route, and re-draw the profile with fresh data.

Click on the **OK** button to close the Elevation Profile.

Trip Extents



To display the full extent of the trip:

Open a trip.

Select a route (if more than one for the current trip).

Click on the **Trip Extents** button. The map display changes to a zoom level of detail sufficient to display the entire trip with the highest level of detail.



Ruler



To use the ruler:

Click on the **Ruler** button.

On the map display, click the starting point of the path you want to measure.

Click a second point.

The distance between the two points displays on the map display.

Unclick the **Ruler** button to remove the ruler display from the map.

Phone Map Tiles

Select/Deselect Image



To select phone map tiles:

Open a trip.

Select the map type of the images you want to save to your phone (aerial, topographic or street).

Click on the **Phone Map Tiles** button. The map display is overlaid with a grid of tiles. The size of the tiles depends on the type of phone you have. The larger the phone display size, the larger the map tiles. The tiles reflect the size of the phone display, so you can see how a specific tile will look on the phone.

Click on the specific map tiles you want to save to your phone.

Deselect the **Phone Map Tiles** button. The images you selected will be saved for download.



Center to Grid



To center map to grid:

Open a trip.

Click on the **Phone Map Tiles** button. The map display is overlaid with a grid of tiles. The size of the tiles depends on the type of phone you have. The larger the phone display size, the larger the map tiles. The tiles reflect the size of the phone display, so you can see how a specific tile will look on your phone. Click on the **Center to Grid** button on the mini-toolbar.

Click on any point in a map tile to center that point in the map tile.

Pan



To pan around the map display from the **Phone Map Tiles** function:

Open a trip.

Click on the **Phone Map Tiles** button.

Click on the **Pan** button on the mini-toolbar.

Click anywhere on the map display to pan by one map tile in the selected direction, the cursor will change to specify the pan direction based on the position of your mouse cursor.



Send to Phone



To send a selected trip to your phone:

Click on the **Send to Phone** button. A message displays that the trip (all map tiles selected, routes and POIs for that trip) are available from your phone.

Click on the **OK** button.

To complete downloading images to your phone, the following steps are done *from your Nextel phone*:

While in the **Setup** menu, press the **Up Arrow** until **Trips** is highlighted. Press the **Select** or **OK** button.

The **Trips** menu opens. Press the **Down Arrow** to highlight **Download**. Press the **Select** or **OK** button.

A load screen appears, wait until trips are downloaded.

When they are finished downloading press the **OK** button. Your trips are now loaded on your phone.

Map Types



Aerial



Topographic



Street



To select different map types:

On the toolbar buttons, click either the **Aerial**, **Topo**, or **Street** button.

The map display changes depending on the button selected.

Note: Street and topo maps have specific zoom levels available. When switching between map types, the zoom level is maintained whenever possible. Otherwise the closest zoom level is used.



Editing Trip, Route, Waypoint and POI information

You can edit the name or description of any trip, route, waypoint or POI. For routes, you can modify the color of the route. For waypoints and POIs, you can change the symbol used to represent the location.

To edit trip information:

Open a trip.

Click **Trip** → **Properties**. The **Trip Properties** screen displays.

Edit the trip name, description, or both.

Click **Trip** → **Save** on the menu bar, or click on the **Save** button on the toolbar buttons. A message box appears indicating your trip was saved.

Click the **OK** button.

To edit route, waypoint or POI information:

Open a trip.

Right-click on the item you want to edit (route, waypoint or POI).

Click on the appropriate menu item (see table below).

To use the default symbol if a new icon has been selected:

Open a trip.

Right-click on the item you want to edit (route, waypoint or POI).

Click on the "Edit Symbol" selection.

Click on the **None** button.

Edit Route Information Menu
Edit Route Description
Edit Route Color
Hide All Routes

Edit Waypoint Information Menu
Edit Waypoint Description
Edit Waypoint Symbol
Show Symbol
Show Description

Edit POI Information Menu
Edit POI Description
Edit POI Symbol
Show POI Symbol
Show Description
Hide All POI



Interfacing with Other GPS Units

To further enhance your adventure experience, the Adventure Planner is designed for use with data transfer capable Garmin® and Magellan® GPS receivers. The Adventure Planner can import or export routes, waypoints and POIs to or from compatible GPS receivers.

NOTE: Check the documentation for your specific unit for recommended transfer (baud) rates, and interface configuration requirements (such as a special mode).

Serial Import

Importing data from a compatible GPS unit inserts the routes and waypoints from the GPS unit into an Adventure Planner open trip.

To import from a compatible GPS unit:

Open a trip.

On the menu bar, select **Tools → Serial Import/Export**. The import/export screen appears.

Select the unit you wish to interface with from the **GPS Unit** dropdown box.

Select the port to use from the **Port** dropdown box.

Select the transfer speed from the **Baud** dropdown box.

NOTE: Ensure your GPS unit is properly configured for data transfer.

When you're ready to get the data from your GPS unit, click on the **Get Data From GPS Unit** button. A message screen displays indicating transfer is complete.

Serial Export

Exporting data to a compatible GPS unit sends routes or POIs from an open Adventure Planner trip (depending on the type of GPS unit) to the GPS Unit. There are two options:

Send routes to GPS unit

Send waypoints to GPS unit

The **Send routes to GPS unit** function should be selected when using compatible Garmin® units only, as Magellan® GPS units do not accept routes. This function sends all complete routes (with associated waypoints) for each open trip as intact routes to the selected unit.

The **Send Waypoints to GPS Unit** function sends all waypoints, regardless of which route contains them, and all POIs, to the selected unit.



Trimble Outdoors Adventure Planner™ Guide

To export routes to a compatible Garmin® unit:

Open a trip.

On the menu bar, select **Tools → Serial Import/Export**. The import/export screen appears.

Select Garmin from the **GPS Unit** dropdown.

Select the port to connect to from the **Port** dropdown box.

Select the transfer speed from the **Baud** dropdown box.

NOTE: Ensure your GPS unit is properly configured for data transfer.

When you're ready to export the data, click on the **Send Routes to GPS Unit** button. A message screen displays indicating transfer is complete.

To export waypoints to a compatible GPS unit:

Open a trip.

On the menu bar, select **Tools → Serial Import/Export**. The import/export screen appears.

Select the unit you wish to interface with from the **GPS Unit** dropdown.

Select the port to connect to from the **Port** dropdown box.

Select the transfer speed from the **Baud** dropdown box.

NOTE: Ensure your GPS unit is properly configured for data transfer.

When you're ready to export the data, click on the **Send Waypoints to GPS Unit** button. When the transfer is complete, a message screen displays indicating transfer is complete.



Uploading Photos

You can add photos to a new or existing trip. Photos should be in JPEG (.jpg) format.

To upload a photo for a trip:

Open or create a trip.

Right-click on the map display at the location where your photo was taken. The **Upload Photo** button appears.

Click on the **Upload Photo** button.

Click on the **Browse for Photo...** button to select a photo from your PC.

Click on the **Upload** button to save the selected photo to the current trip. A message box appears indicating the photo was saved.

After upload, a photo icon appears on the map display. If you did not place the photo in the correct location, you can right click on the photo icon to move it.

NOTE: Clicking on the photo icon will show you the photo. You can add a caption to your photo by right clicking on the caption below the photo. Your photo is also available to view on your trip report.

Create Trips Tutorial

Using the Trimble Adventure Planner, you can plan and create trips. Trips can be made up of routes, which contain waypoints and may contain points of interest, or you can create a trip that is comprised solely of points of interest, or photos.

The following tutorials assume you've already purchased and installed Adventure Planner, and have already registered at the Trimble Outdoors website. If you need assistance with purchasing or installing Adventure Planner, or with registering, see the related sections in this manual.

Each tutorial provides a set of steps that will create a trip. While these steps create a trip, there are other ways of creating trips that you may prefer when you gain experience with the Adventure Planner.



Create a Trip with a Route and Points of Interest

Start the Adventure Planner. The main screen appears.

If this is the first time you've used Adventure Planner, log in by:

Click the **Log In** button on the main button bar.

Enter your user name in the **User Name** field.

Enter your password in the **Password** field.

Click the **Login** button.

If you've previously logged in to Adventure Planner, ensure the **Log In** button is green. If not, log in.

On the menu bar, click **Trip → New**. The **Create Trip** screen appears.

Type "My first trip" in the **Trip Name** field. Click the **TAB** button to move to the next field.

Type "A tour of Washington DC" in the **Description** field.

Uncheck the **Share this trip with others?** box.

Select "DC" from the **State** dropdown list.

Click **Trip → Save** on the menu bar, or click on the **Save** button on the toolbar buttons. A message box appears indicating your trip was saved.

Click the **OK** button.



Great! You've created a trip, named it and given it a description, and saved it. Notice that the name of the trip you've just created appears in the upper right corner of the Adventure Planner screen.

Now let's zoom in on an address and create a route for our trip...



Click on **Tools → Address Search**. The **Address Search** screen appears.

Enter "1600 Pennsylvania Ave" in the **Street** field. Click the **TAB** button to move to the next field.

Enter "Washington" in the **City** field. Click the **TAB** button to move to the next field.

Enter "DC" in the **State** field.

Leave the **Create POI at Address** box checked.

Click the **Find Address** button. The **Create POI** screen appears.

Enter "White House" in the **POI Name** field.

Leave the **Description** field empty.

Click on the **OK** button. The map display changes, displaying the POI created. You should see a United States street map with a green dot in the Washington, D.C. area.

NOTE: Street map is the Adventure Planner default map format.



Trimble Outdoors Adventure Planner™ Guide

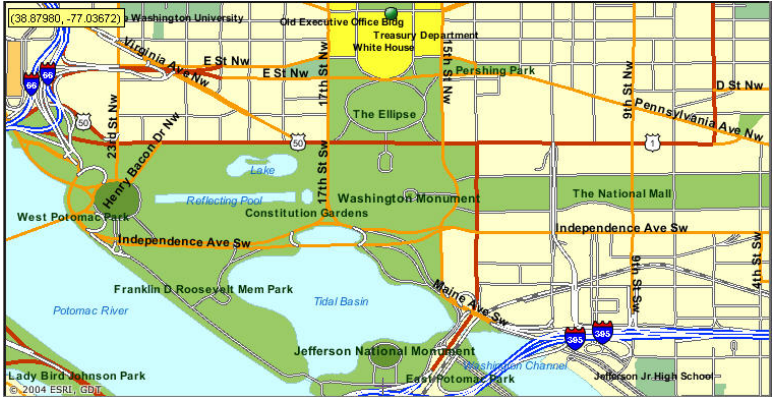
On the zoom controls at the top of the main screen, click on the third bar from the left. The map display should display a more detailed street level of Washington, D.C., with the White House POI centered in the display (see below).





Trimble Outdoors Adventure Planner™ Guide

At the bottom of the map display, you should see the words “Washington Monument”. We want to re-position the map a little lower, so click with the mouse ON the words “Washington Monument”. The map display re-displays (see below).



Notice that the White House POI is now at the top of the map display, and you can see all three main monument sites.

Click on the **Route** button. A mini-toolbar appears, with the **Create Route** button already active.

Click on the Jefferson National Monument (near the bottom center of the map display). The **Create Route** screen appears.

Enter “The Monuments” in the **Route Name** field. Press the **TAB** button to move to the next field.

Enter “Starting at the Jefferson Memorial” in the **Description** field.

Notice that there is now a green dot at the location you clicked. The **Append Waypoint** button on the mini-toolbar is now active.



Trimble Outdoors Adventure Planner™ Guide

Click again on the map display to create the second waypoint in this route. You can add as many waypoints as you wish. Move around the map from the Jefferson Memorial to the Lincoln Memorial and the Washington Monument, then to the White House. See the graphic below for an example of some waypoints for this route. This is an example only; you can add as many waypoints as you want (up to 30), or zoom in for more detail and add more detailed waypoints.



When you've added all the waypoints you wish ...

Click on the **Route** button to de-select it.

Click **Trip → Save** on the menu bar, or click on the **Save** button on the toolbar buttons. A message box appears indicating your trip was saved. Click the **OK** button.



Great! You're done creating your trip! You created a trip with a route, and added waypoints to your route.

Now, let's add a couple POIs...



Click on the **Point of Interest** button. A mini-toolbar appears with the **Create POI** button already active.

Click on the map display near the Jefferson Memorial. The **Create POI** screen appears.

Enter "The Jefferson Memorial" in the **POI Name** field.

Enter "A neat round white-marble monument." in the **Description** field.

Press the **TAB** key to move to the next field.

Click the **OK** button.

Click on the map display near the Washington monument. The **Create POI** screen appears.



Trimble Outdoors Adventure Planner™ Guide

Enter "The Washington Monument" in the **POI Name** field.

Enter "A tall one!" in the **Description** field. Press the **TAB** key to move to the next field.

Click the **OK** button.

Click on the **Point of Interest** button to de-select it.

Click **Trip → Save** on the menu bar, or click on the **Save** button on the toolbar buttons. A message box appears indicating your trip was saved.

Click the **OK** button.



Great! You're all done!

Now, let's look at a Trip Report.



Click on the **Trip Report** button to see what the trip report looks like for your new trip. You should see the name and description of the trip, the name of the route you created and the latitude/longitude for each of the waypoints in the route, and the POIs listed, with their names, descriptions and latitude/longitude. You can also add routes by following the same steps above. If you want more information on the waypoints, you can edit each one and add a special name and description, which will then appear on the trip report.

Click the **OK** button to close the trip report.



You can create a trip for ANY location in the Continental United States, and parts of Alaska and Hawaii.



Create a Trip with only Points of Interest

Start the Adventure Planner. The main screen appears.

If this is the first time you've used Adventure Planner, log in by:

Click the **Log In** button on the main button bar.

Enter your user name in the **User Name** field.

Enter your password in the **Password** field.

Click the **Login** button.

If you've previously logged in to Adventure Planner, ensure the **Log In** button is green. If not, log in.

On the menu bar, click **Tools → Address Search**. The **Address Search** screen appears.

Enter "2920 Zoo Drive" in the **Street** field. Press the **TAB** button to move to the next field.

Enter "San Diego" in the **City** field. Press the **TAB** button to move to the next field.

Enter "CA" in the **State** field.

Leave the **Create POI at Address** box checked.

Click the **Find Address** button. The **Create POI** screen appears.

Enter "San Diego Zoo" in the **POI Name** field. Press the **TAB** button to move to the next field.

Leave the **Description** field blank.

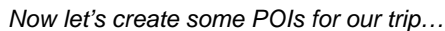
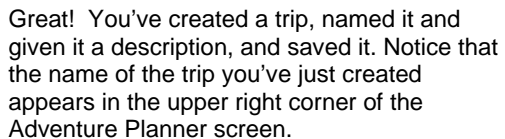
Click on the **OK** button. The map display changes, displaying the POI created. You should see a United States street map with a green dot in the San Diego area.

NOTE: Street map is the Adventure Planner default map format.



A map of the San Diego Zoo area. The map shows the San Diego Zoo (orange area) and surrounding landmarks including Theodore Roosevelt Junior Hs, Morley Field Sports Complex, Balboa Park, Balboa Park Mun Golf Course, San Diego Naval Medical Ctr, San Diego Art Institute, El Prado, Bowling Green, First Avenue Health Center, W. Laurel St, Bath Israel Jewish Day Sch, and E Hawthorn St. Streets shown include 1st Ave, 4th Ave, 6th Ave, Richmond St, Park Blvd, Florida St, Upas St, and Pershing Dr. A green dot is located near the San Diego Zoo. Coordinates (32.74613, -117.13351) are shown in the top left corner.

Click the **OK** button.



© 2004 Trimble Navigation Limited



Trimble Outdoors Adventure Planner™ Guide

Click the **OK** button.

Continue to click on the map display to add POIs.

When you've added all the POIs you wish ...

Click on the **Point of Interest** button to de-select it.

Click **Trip → Save** on the menu bar, or click on the **Save** button on the toolbar buttons. A message box appears indicating your trip was saved.

Click the **OK** button.



Great! You're done creating your trip! You created a trip and added POIs to it.

Now, let's look at a Trip Report.



Click on the **Trip Report** button to see what the trip report looks like for your new trip. You should see the name and description of the trip.

Notice that there are no routes listed, as this trip was created only with POIs. Below the name of the trip and description, you should see the POIs you created listed, with their names, descriptions and latitude/longitude.

Click the **OK** button to close the trip report.



You can create a trip for ANY location in the Continental United States, and parts of Alaska and Hawaii.



Appendices

Conventions used in this guide

Convention	Meaning
Trip → New	Implies a menu path. In this example, you would click on the Trips menu, then follow it to the "new" command.
New Trip Screen	Implies a screen, field or control object, such as a button or radio button. In this example, the reference is to the New Trip screen.

Support

Trimble Outdoors Technical Support: <http://www.trimbleoutdoors.com>

E-mail: support@trimbleoutdoors.com

FAQ

How are trips organized?

Trimble Outdoors stores trips, routes, waypoints and pictures in a hierarchical format:

Hierarchy

Trip (1, 2, 3...)

Route (1, 2, 3...)

Waypoint (1, 2, 3...)

Point of Interest (1, 2, 3...)

Picture (1, 2, 3...)

All data within a trip is exclusive to that trip. As data is created it is stored in the current trip. Each data point is only accessible when the trip it was created under is set as the current trip. You may create multiple trips each containing a list of routes, waypoints and pictures.

Note: Due to phone memory limitations, it is recommended that you store no more than three trips on your phone.

How much data does it take to send or receive a trip on my phone?

The size of trips can vary based on the number of waypoints, the length of descriptions, and the number of maps that are included. The following numbers can be used as approximate estimates:

Trip = 1 - 2 Kb

Map = up to 15 Kb (each)

Is there a maximum number of trips I can create?

No. You can create as many trips as you wish.

Is there a maximum number of routes per trip?

Yes. You can create up to 10 routes for each trip.



Is there a maximum number of waypoints for each route?

Yes. You can create a route with up to 30 waypoints.

Is there a limit to the number of POIs I can include in a trip?

No. You can include as many POIs as you wish for any route or trip.

Can I plan trips outside the continental United States?

At this time, Trimble Outdoors supports only locations within the continental United States, and parts of Alaska and Hawaii.

For updated FAQs see the website at <http://www.trimbleoutdoors.com>.



Glossary

Breadcrumb trail	The electronic version of laying down a “breadcrumb trail” to mark your path. These points will be shown strung together on the track page of your phone.
Elevation Profile	A graph showing the elevation of each waypoint in a route; a function in the Adventure Planner.
GPS	Global Positioning System; a satellite based radio navigation system developed and operated by the U.S. Department of Defense (DOD). GPS permits land, sea, and airborne users to determine their three-dimensional position, velocity, and time 24 hours a day, in all weather, anywhere in the world.
POI	Point of Interest; a geographic location in a trip or route.
Route	A series of waypoints entered in the order that you want to navigate them.
Topographic map	A topographic map shows the shape of the Earth's surface is with contour lines. Contours are imaginary lines that join points of equal elevation on the surface of the land above or below a reference surface such as mean sea level.
Track	Current direction of travel relative to a ground position.
Trip Extents	A function in Adventure Planner that optimizes the map display to show a complete trip in the most detail.
Trip Report	A function in Adventure Planner that provides a compilation of trip information, including trips, routes and waypoints, POIs and photos.
USGS	United States Geological Survey
Waypoint	A navigation fix. Usually a destination or point of reference. Waypoints are locations or landmarks worth recording and storing in your GPS. These are locations you may later want to return to. They may be check points on a route or significant ground features (e.g., camp, the truck, a fork in a trail, or a favorite fishing spot).



Useful links

<http://www.geocaching.com/>

<http://www.navcen.uscg.gov/>

<http://www.nextel.com/>

<http://www.noaa.gov/index.html>

<http://www.noaa.gov/charts.html>

<http://www.trimble.com/gps/>

<http://www.usgs.gov/>

<http://www.waypoint.org/default.html>

<http://www.wayhoo.com>



Index

C

Conventions used in this guide, 53
Create a Trip with a Route and
Points of Interest, 45
Create a Trip with only Points of
Interest, 50
Create Trips Tutorial, 44
Creating Trips, 26

E

Editing Trip, Route, Waypoint and
POI information, 41

F

FAQ, 53

I

Installing the Software, 9

M

Main Toolbar, 19
Map Type Buttons, 20
Menu bar, 16

Q

Quick Reference Guide, 1

R

Registering, 5
Retail purchase, 9

S

Software License, i
Support, 53

T

Trimble Outdoors Website, 5
Trip Function Buttons, 21

U

Uploading Photos, 44
Useful links, 56
Using the Trip Function Buttons,
26

W

Website download, 10
Website Functions, 7

Z

Zoom Controls, 19



© 2004 Trimble Navigation Limited. All rights reserved.

www.trimble.com
www.trimbleoutdoors.com

